



Incidence and Population Dynamics of Land Snails at Sharkia Governorate, Egypt

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Abstract: Incidence of the most common land snails infesting various crops at two districts at Zagazig and Fakous, Sharkia Governorate, Egypt and disclosed the existence of five species of order Stylommatophora were recorded in different area, namely: Sheeba, Banayous, and Banishebl, Zagazig district and Monshaat-El-Qady, Mayit-Elaz and El-Smanaa, Fakous district, all at Sharkia Governorate, Egypt. These species were the glassy clover snail; *Monacha cartusiana* (Müller), the brown grand snail; *Eobania vermiculata* (Müller), the conical snail; *Cochlicella acuta* (Müller) and two species of *Succinea*. The predominant one *M. cartusiana*, was present in all surveyed villages. *Succinea putris* has been appeared as the first recorded for the first time in Banayous village, Zagazig district foray the Egyptian clover severely. The lettuce, cabbage, and wheat were detected with moderate infestation while, rice and maize were detected with lowest infestation. The population dynamics of *M. cartusiana* infesting field of Egyptian clover was recorded in two villages, Banayous and Monshaat-El-Qady. The highest population densities of juvenile and adult were recorded in March and April, while the lowest population was observed during January and February for adult. The individuals of snail incrementally increased after the winter months to maximum during summer months.

Keywords: *Eobania vermiculata*, Incidence, Land snails, *Monacha cartusiana*, *Succinea putris*
